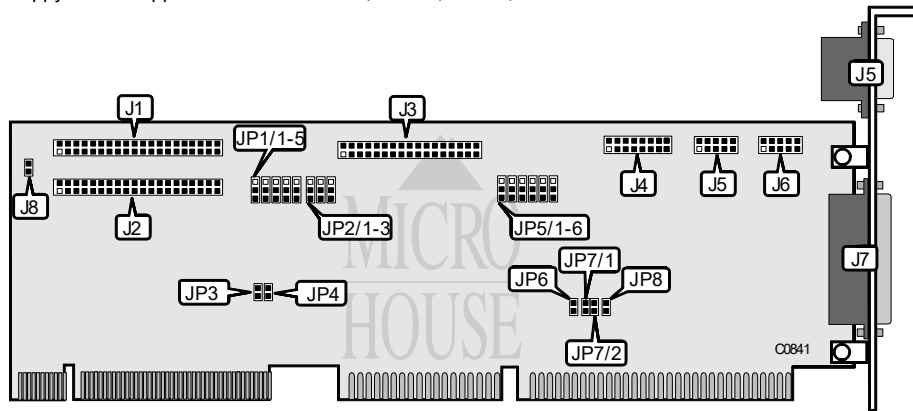


DTK COMPUTER, INC.
PTI-255W (VER. 1.01)

Q4/95

Data bus: 32-bit VL-bus
 Size: Three-quarter length, half-height card
 Hard drive supported: Four IDE(AT) drives
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives



CONNECTIONS	
Function	Location
40-pin primary IDE(AT) connector	J1
40-pin secondary IDE(AT) connector	J2
34-pin cable connector - floppy drive	J3
16-pin game port	J4
10-pin serial port 1 - internal, 9-pin serial port 1 - external	J5
10-pin serial port 2 - internal	J6
25-pin Parallel port	J7
2-pin connector - drive active LED	J8

DRIVE SPEED CONFIGURATION		
Speed	JP1/4	JP1/5
600ns	pins 1 & 2 closed	pins 1 & 2 closed
500ns	pins 2 & 3 closed	pins 1 & 2 closed
400ns	pins 1 & 2 closed	pins 2 & 3 closed
240ns	pins 2 & 3 closed	pins 2 & 3 closed

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Secondary IDE(AT) IOCHRDY signal disabled	JP3	open
Secondary IDE(AT) IOCHRDY signal enabled	JP3	closed
í Primary IDE(AT) IOCHRDY signal enabled	JP4	closed
Primary IDE(AT) IOCHRDY signal disabled	JP4	open
í Parallel port is unidirectional	JP6	closed
Parallel port is bi-directional	JP6	open
í Game port enabled	JP8	closed
Game port disabled	JP8	open
í IDE(AT) interface enabled	JP1/1	pins 1 & 2 closed
IDE(AT) interface disabled	JP1/1	pins 2 & 3 closed
í IDE(AT) address is 170h & 1F0h	JP1/2	pins 1 & 2 closed
IDE(AT) address is 1F0h	JP1/2	pins 2 & 3 closed
í CPU speed is 50MHz	JP1/3	pins 1 & 2 closed
CPU speed is 33MHz	JP1/3	pins 2 & 3 closed
í Floppy drive order is normal (A:, B:)	JP2/1	pins 1 & 2 closed
Floppy drive order is reversed (B:, A:)	JP2/1	pins 2 & 3 closed
í Floppy drive address is 3F0h	JP2/2	pins 1 & 2 closed
Floppy drive address is 370h	JP2/2	pins 2 & 3 closed
í Floppy drive interface enabled	JP2/3	pins 1 & 2 closed
Floppy drive interface disabled	JP2/3	pins 2 & 3 closed

SERIAL PORT 1 ADDRESS SELECTION		
COM	JP5/1	JP5/2
í COM1 (3F8h)	pins 1 & 2 closed	pins 1 & 2 closed
COM3 (3E8h)	pins 2 & 3 closed	pins 2 & 3 closed
COM4 (2E8h)	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 1 & 2 closed

SERIAL PORT 2 ADDRESS SELECTION		
COM	JP5/3	JP5/4
í COM2 (2F8h)	pins 1 & 2 closed	pins 1 & 2 closed
COM3 (3E8h)	pins 1 & 2 closed	pins 2 & 3 closed
COM4 (2E8h)	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	pins 2 & 3 closed	pins 1 & 2 closed

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PARALLEL PORT ADDRESS SELECTION		
LPT	JP5/5	JP6/6
í LPT1 (378h)	pins 1 & 2 closed	pins 1 & 2 closed
LPT2 (278h)	pins 2 & 3 closed	pins 2 & 3 closed
LPT3 (3BCh)	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	pins 1 & 2 closed	pins 2 & 3 closed

PARALLEL PORT INTERRUPT SELECTION		
IRQ	JP7/1	JP7/1
í 7	closed	open
5	open	closed